

Master of Science in Environmental Science

I. REQUIRED SUBJECTS		Units
ES 201	Principles of Tropical Ecology	3
ES 210	Chemistry of the Environment	3
ES 235	Resource Geology	3
ES 240	Integrative Environmental Science	3
ES 252	Advanced Environmental Health and Safety	3
TOTAL:		15
II. ELECTIVES		
A. Environmental Science Subjects		
<i>*Any one subject from the list below with the approval of the Academic Adviser</i>		
ES 200	Principles of Environmental Science	3
ES 205	Computational Methods in Environmental Science	3
ES 220	Principles of Environmental Remediation	3
ES 221	Environmental Standards and Technologies	3
ES 222	Environmental Engineering I	3
ES 223	Air and Water Quality Standards	3
ES 225	Fundamentals of GIS and Remote Sensing	3
ES 230	Introduction to the Physics of the Ocean and the Atmosphere	3
ES 244	Environmental Risk Assessment and Management	3
ES 255	Waste Management	3
ES 257	Natural Hazard Assessment	3
<i>*Or any MS level subject from the School of Science and Engineering departments with the approval of the Academic Adviser</i>		
TOTAL:		3
B. Environmental Studies Subjects		
<i>*Any two subjects from the list below with the approval of the Academic Adviser</i>		
ES 242	Environmental Impact Assessment	3
ES 248	Natural Resource Management	3
ES 250	Industrial Ecology and Sustainability	3
ES 253	Urban Ecology	3
ES 260	Environment, Culture and Society	3
ES 262	Environmental Negotiation and Communication	3
ES 271	Environmental Ethics	3
ES 273	Environmental Ethics and Spirituality	3
ES 275	Environmental Economics	3
ES 280	Environmental Law and Policy	3
ES 291	Special Topics	3
TOTAL:		6
III. SEMINAR		Units
ES 290	Seminar	1
TOTAL:		1
IV. THESIS WRITING AND ORAL DEFENSE		Units
ES 295	Thesis I (Research Design)	0
ES 296	Thesis 2 (Thesis Writing and Defense)	0
TOTAL:		6*
<i>*The units for the thesis are credited after the student passes the oral defense and submits the final revised copy of the thesis.</i>		

SUMMARY

Required Subjects	15 units
Research Seminars	1 units
Electives	9 units
Thesis Writing and Oral Defense	6 units

Total 31 units